

AMENDMENTS TO THE SPECIFICATION:

On page 16 of the specification, replace the paragraph beginning on the line numbered 28 and ending on page 17 on the line numbered 5 with the following paragraph:

Figure 4 shows a cross section of a preferred embodiment of the present invention wherein the Nuclear Material 50 is in solution in the Liquid Semiconductor 20. In this preferred embodiment, the Liquid Semiconductor 20 is sandwiched between the low resistance or Ohmic Contact 10 and the Schottky Contact 30 and the Nuclear Material 50 is in solution in the Liquid Semiconductor 20. Nonconductive Spacers 45 are placed in abutment between the Ohmic Contact 10 and the Schottky Contact 30 to maintain the channel between the two contacts so that they do not touch each other. This is a preferred embodiment of the invention because when a Fission Event 120 occurs there are no lost fission fragments and both fission fragments will travel through the Liquid Semiconductor 20 and either fission fragment may cause generation of electron-hole pairs within the Liquid Semiconductor 20. As a consequence, this preferred embodiment is more efficient than the embodiment described in ~~Figure 2~~Figure 3.